Centennial Challenges

Centennial Challenges Idea Submission Form Instructions

The following are specific instruction on how to fill in each field of the Centennial Challenges Idea Submission Form.

1. CHALLENGE NAME

In this field, please provide the name of the proposed Challenge. The Challenge Name should be no more than five or six words. It can be descriptive of the idea (like "The Send A Man To The Moon Challenge"), it can be a creative combination of words (like "The MoonMan Challenge"), or it can have a name based in history or mythology (like "The Apollo Challenge").

2. CHALLENGE DESCRIPTION

In this field, please provide a brief description of the proposed Challenge idea. Please limit the Challenge Description to less than 1,000 words.

3. CHALLENGE RATIONALE

In this field, please provide a brief description of why your proposed Challenge idea is important. Please limit the Challenge Rationale description to less than 1,000 words.

4. CHALLENGE RULES

In this field, please provide a complete listing of the rules for your proposed Challenge idea. There is no length limit to this section, but please keep in mind that simpler (and, therefore, shorter) rules make for better Challenges.

5. CHALLENGE DEFINITIONS

In this field, please provide definitions of terms that may be ambiguous but are important to your proposed Challenge idea. Please limit the Challenge Definitions description to less than 10,000 words.

6. CHALLENGE PURSE SIZE

In this field, please indicate how large the cash prize (purse) for the proposed Challenge should be. Please also provide rationale for this decision. Please limit the Challenge Purse Size description to less than 1,000 words.

7. CHALLENGE TIME LIMIT

In this field, please provide a time limit, if any, that should be put on the proposed Challenge idea. Please also provide rationale for this decision. Please limit the Challenge Time Limit description to less than 1,000 words.

SUBMISSION INFORMATION

This form is intended to provide individuals with the opportunity to submit their ideas for future Centennial Challenges via postal mail or fax. Below are the mailing address and fax number where the completed form should be sent.

Mailing Address

Centennial Challenges Idea Submission Mail Suite 2T85 Washington DC 20546-0001

Fax Number

+1 202-358-2815

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Centennial Challenges Idea Submission Form Example

The following is an example of what a Centennial Challenges Idea Submission form might look like for a Challenge based on NASA's Apollo program. Please note that this example is given for demonstrative purposes only.

1. CHALLENGE NAME: The Apollo Challenge

- **2. CHALLENGE DESCRIPTION:** The Apollo Challenge will be to land two men on the surface of the Moon and return them safely to Earth's surface.
- **3. CHALLENGE RATIONALE:** Ever since the dawn of civilization, humanity has looked toward the heavens and dreamed of going there. The Moon is Earth's closest celestial neighbor and is a logical first destination toward the goal of ensuring the continued existence of humanity by extending our reach beyond Earth's horizons. The Apollo Challenge, a demonstration of humanity's ability to travel to and from the Moon, is the first step toward celestial exploration.
- **4. CHALLENGE RULES:** The following are the criteria that must be satisfied to win the Apollo Challenge:
 - 1. Safely land two people on the Moon.
 - 2. Both people must walk on the surface of the Moon.
 - 3. The total cumulative total time walking on the Moon must be at least of 5 hours.
 - 4. The crew must collect 1kg of lunar Soil and 5 lunar Rocks for return to Earth.
 - 5. Safely return the crew and lunar Soil and Rock samples to the surface of the Earth.
- **5. CHALLENGE DEFINITIONS:** The following definitions are applicable to the Apollo Challenge:
 - 1. Moon The Earth's Moon.
 - 2. Rock Any single clump of lunar regolith with a mass equal to or greater than 500g.
 - 3. Safely Any member of the crew does not die of any Challenge-related injury within 6 months.
 - 4. Soil Granular lunar regolith with no single clumps more than 500g in mass.
- **6. CHALLENGE PURSE SIZE:** The purse for the Apollo Challenge should be \$100,000,000 (one hundred million U.S. dollars). The reason the purse should be this large is based on a fraction (10%) of the cost of the original Apollo Program of 1.6 billion U.S. dollars.
- **7. CHALLENGE TIME LIMIT:** There should be a time limit of 10 years (one decade) on the Apollo Challenge. Ten years was chosen because that's the time limit that then-President Kennedy put on NASA's Apollo program.

Please mail this form to: Centennial Challenges Idea Submission, Mail Suite 2T85, Washington DC 20546-0001. Please fax this form to: +1 202-358-2815.

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This is the official Centennial Challenges Idea Submission Form. Please fill it out as completely as you wish and send it to the mailing address or fax number given below. Please do not hesitate to use additional sheets of paper if there is not enough room provided in the form below.

1. CHALLENGE NAME:	
2. CHALLENGE DESCRIPTION:	
3. CHALLENGE RATIONALE:	
4. CHALLENGE RULES:	
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5. CHALLENGE DEFINITIONS:	/ _ % ? ,
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6. CHALLENGE PURSE SIZE:	
7. CHALLENGE TIME LIMIT:	\ ,, , , , , , , , , , , , , , , , , ,
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